

TABLE A-2
POST-EVALUATION USE OF CRITERIUM PLUS
WITH PROPOSED REFINEMENTS

Level 1	Level 2	Level 3										Level 4
Goal	Criteria	#	Subcriteria	Purpose	Source	SCORE UNIT	Rating View N/V/G	Rating Type Quantitative or Qualitative	Rating Scale		Rating	Alternatives
									Worst Value	Best Value		
Long-term water quality solutions for EPA	Technical Performance	1	Level of phosphorus reduction	Determine level of phosphorus load reduction.	BSFS/DMSTA	% Reduction in load	N	Quantitative	0%	100%	TBD	Alternative 1
				Determine level of phosphorus concentration reduction.		ppb	N	Quantitative	0 ppb	100 ppb	TBD	
		2	Operational Flexibility	Evaluate level of Peak Attenuation.	STSOC or PJ	-6 to -4; reduces operation flexibility -1 to +1; little or no influence +4 to +6; adds operation flexibility	N	Qualitative	-6	+6	TBD	
				Evaluate level of Storage capacity.			N	Qualitative	-6	+6	TBD	
				Evaluate effect on Green space & wild life habitat.			N	Qualitative	-6	+6	TBD	
		3	Resiliency to extreme conditions	Evaluate resiliency to fire	STSOC or PJ	-4 to -2; reduces resiliency -1 to +1; little or no influence +2 to +4; adds resiliency	N	Qualitative	-4	+4	TBD	Alternative 2
				Evaluate resiliency to flood and draught.			N	Qualitative	-4	+4	TBD	
				Evaluate resiliency to hurricanes.			N	Qualitative	-4	+4	TBD	
		4	Assessment of full-scale conditions	Assess potential to succeed in full-scale construction & operation.	STSOC or PJ	-4 to -2; scale-up problems anticipated -1 to +1; no scale-up problems anticipated +2 to +4; scale-up demonstrated	N	Qualitative	-4	+4	TBD	
		5	Management of Side Streams	Assess level of effort required to manage side streams.	STSOC or PJ	-4 to -2; extensive effort, adverse impact 0; no management +2 to +4; net benefit	N	Qualitative	-4	+4	TBD	Alternative 3
	Environmental	1	Level of reduction in non-phosphorus parameters	Determine level of reduction in non—phosphorus parameters and compliance with existing water quality standards.	STSOC or PJ	-19 to +19; +1 for each parameter improved, -1 for each parameter worsened, 0 for no significant change	N	Qualitative	-19	+19	TBD	
	Economic	1	Private Cost	Determine private costs: Capital (design/engineering/equipment/land/construction & civil work) and O&M.	BSFS	\$, 50-yr. present worth	N	Quantitative	TBD	TBD	TBD	
		2	Public Cost	Determine public costs: Capital (design/engineering/equipment/land/construction & civil work) and O&M.	BSFS	\$, 50-yr. present worth	N	Quantitative	TBD	TBD	TBD	
		3	Cost Effectiveness	Determine Cost Effectiveness: (Private + Public Costs) / Kg Phosphorus Removal.	BSFS	\$/Kg, 50-yr. present worth / Kg TP Removal	N	Quantitative	TBD	TBD	TBD	

Legend:

N/V/G	Numeric/Verbal/Graphic
STSOC	Supplemental Technology Standard of Comparison
EWCA	Everglades Conservation Areas
EPA	Everglades Protection Area
CERP	Comprehensive Everglades Restoration Plan
ND	Not Defined
BSFS	Basin Specific Feasibility Study
DMSTA	Dynamic Model for Stormwater Treatment Areas
PJ	Professional Judgement
O&M	Operation & Maintenance
TBD	To be determined